Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 24 Sep 2023 until 23:59 on Monday 25 Sep 2023

Forecast Issued on Sunday 24 Sep 2023 at 01:06

Confidence: High confidence for strong winds today, moderate for timing of rain. High confidence for a better day on Monday, then low for timing of a spell of heavy rain on Tuesday. Lower confidence for details of strong winds and heavy rain on Wednesday.

Headline for Sunday 24 Sep 2023: Cloudy, with spells of rain, locally heavy at times. Drier and brighter into the afternoon. Gusty winds on the summits.

Mountain weather hazards on Sunday 24 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Cloudy	Cloudy	Cloudy	Heavy Rain
Precipitation probability					
60%	80%	60%	10%	10%	60%

Forecast for Sunday 24 Sep 2023

Weather: Cloudy, with drizzle at first, turning to rain and becoming heavier from mid-morning. The rain should clear to the north by early afternoon, with most places becoming largely dry, albeit rather cloudy, with occasional brighter spells developing to the north and east of higher ground. Low cloud may persist on the south and west facing summits throughout the day. A further band of rain, locally heavy, will arrive from the west late evening.

Chance of cloud-free hill tops above 600m: 20% improving to 70%.

Low cloud and visibility: Cloud bases down to 200-400m throughout the morning, likely lifting to just above 600m by late afternoon before deteriorating again as heavy rain arrives later. Visibility will be very poor in cloud covering hills, and poor in heavy rain, gradually improving to become good or very good by late-afternoon and evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 24 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/35 S	25/35 S	29/39 S	30/41 S	32/45 S	34/48 S	29/41 SW
300	20/28 S	20/29 S	22/32 S	22/33 S	22/33 S	26/40 S	22/35 SW
Valley	12/27 S	13/28 S	15/33 S	15/32 S	16/36 S	19/40 S	16/34 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	13/9	13/8	14/9	13/8	13/7	12/8
300	14/10	15/12	15/12	17/13	16/12	15/10	14/11
Valley	14/12	15/14	16/13	18/15	16/13	16/12	15/12
Freezing Level*	2500m	3100m	3500m	2400m	2500m	3100m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds near gale force on the summits will mean difficult walking conditions with a risk of being blown off balance. Poor visibility in low cloud could make navigation challenging.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 24 Sep 2023	N/A	N/A	N/A

Forecast for Monday 25 Sep 2023

Weather: Low cloud lifting and tending to break as the day progresses, allowing increasing sunny spells and occasional showers. Any showers fading by late afternoon, becoming dry with clear spells to end the day.

Maximum wind: South to southwesterly 30-35mph, gusting 45-50mph overnight and early morning. Winds gradually easing through the day, becoming 15-20mph, gusting 25-30mph.

Chance of cloud-free hill tops above 600m: 40% improving to 90%.

Low cloud and visibility: Cloud bases down to 300-400m at first, quickly lifting above the summits. Visibility will be very poor in low cloud at first, improving to become very good, and only briefly deteriorating in showers.

Temperature: **Valleys:** Plus 9 Celsius, becoming Plus 18 Celsius.
At 600m: Plus 10 Celsius, becoming Plus 14 Celsius.
Freezing level: Above the summits.

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